

Enclosed is a check for \$60 for a one-month extension of time, paid as a small entity, to extend the time for response from December 19, 2005 to January 19, 2006. (37 C.F.R. §§ 1.17(a)(2) and 1.136(a)(3)). If this amount is incorrect, please refer to the Deposit Account Authorization previously filed for this application.

After the current amendment, pending in the application are claims 25, 26, 28, 31-33, 47, 51, 52, 54, 75, 76 and 78-81. The Office allowed Claims 25, 26, 28, 31-33, 75, and 79-81; rejected Claims 47-50, 54, 76 and 78; and objected to Claims 51, 52, and 77.

Please amend the application as follows:

**In the Claims:**

Please cancel Claims 48, 49, 50 and 77; and amend Claims 47 and 76 as indicated in the attached Claims Listing.

**REMARKS**

In accordance with 37 C.F.R. §1.121, a complete listing of all claims in the application is attached.

Claims 25, 26, 28, 31-33, 47, 51, 52, 54, 75, 76, and 78-81 remain in the application. The Office indicated that Claims 25, 26, 28, 31-33, 75 and 79-81 are allowed; and that Claims 51, 52, and 77 would be allowed if rewritten so the claims did not depend from a rejected claim. Claims 48, 49, 50 and 77 have been canceled. Claims 47 and 76 have been amended to meet and overcome the objections to Claims 51, 52, and 77. The following remarks are offered in support of allowance of Claims 25, 26, 28, 31-33, 47, 51,

52, 54, 75, 76, and 79-81. Applicants respectfully submit that all claims are now in condition for allowance.

Claim 47 has been amended by deleting the reference to nootkatone. Support for this amendment is found, for example, in Claims 47, 51, and 52 as originally filed.

Claims 76 has been amended by adding the element found in deleted Claim 77 of "and wherein the material is selected from a group consisting of soil, synthetic polymers, diatomaceous earth, sand, and cellulose-containing materials." Support for this amendments is found, for example, in Claims 76 and 77 as originally filed.

The Office recognized that the "prior art does not teach the instant method comprising bicyclovetivenol or zizanol (claims 51,52). After the amendment, Claim 47 only references the use of these two compounds, bicyclovetivenol and zizanol. Applicants thus believe this Claim 47 and the dependent Claims 51, 52, and 54 are now in condition for allowance.

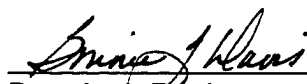
The Office also recognized that "the prior art does not teach or suggest the instant method of claim 77 comprising specified materials." After the amendment, Claim 76 now incorporates all the limitations of the previous Claim 77 into the base Claim 76. Applicants believe this Claim 76 and its dependent Claim 78 are now in condition for allowance.

### **Conclusion**

If any issues arise that may present an obstacle to allowance, the undersigned would welcome a telephone call to discuss such matters before further action is taken.

Otherwise, allowance of Claims 25, 26, 28, 31-33, 47, 51, 52, 54, 75-76, and 78-81 at an early date is respectfully requested.

Respectfully submitted,



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## Claim Listing

**1.-24.** Previously Canceled.

**25.** (Previously Amended.) A method for protecting a material from tick or cockroach infestation, comprising treating the material with an effective amount of a compound selected from the group consisting of zizanol, and bicyclovetivenol, wherein the treated material repels ticks or cockroaches substantially more than does an otherwise identical material that has not been treated with the compound.

**26.** (Original) A method as in Claim 25, wherein the treated material repels ticks.

**27.** Previously Cancelled.

**28.** A method as in Claim 25, wherein the material is selected from a group consisting of soil, synthetic polymers, diatomaceous earth, sand, and cellulose-containing materials.

**29.** Previously Cancelled.

**30.** Previously Cancelled.

**31.** A method as in Claim 25, wherein the compound is zizanol.

**32.** A method as in Claim 25, wherein the compound is bicyclovetivenol.

**33.** A method as in Claim 25, additionally comprising treating the material with one or more additional, different compounds selected from the group consisting of nootkatone,  $\alpha$ -cedrene, zizanol, and bicyclovetivenol.

**34. - 46.** Previously Cancelled.

**47.** (Currently amended) A method to protect the skin or fur of a mammal against ticks, said method comprising topically applying to the skin or fur a composition comprising an effective amount of a compound selected from the group consisting of ~~nootkatone~~, zizanol, and bicyclovetivenol, and a pharmaceutically accepted carrier, wherein said composition when applied topically repels or kills ticks substantially more than does an otherwise identical composition that lacks the compound.

**48.** Cancelled.

**49.** Cancelled.

**50.** Cancelled.

**51.** (Previously amended) A method as in Claim 47, wherein said compound is zizanol.

**52.** (Previously amended) A method as in Claim 47, wherein said compound is bicyclovetivenol.

**53.** Previously Cancelled.

**54.** (Previously amended) A method as in Claim 47, additionally comprising a composition with a one or more additional, different compounds selected from the group consisting of nootkatone,  $\alpha$ -cedrene, zizanol and bicyclovetivenol.

**55. - 74.** Previously Cancelled.

**75.** (Previously added) A method as in Claim 25, wherein the treated material repels cockroaches.

**76.** (Currently amended) A method for protecting a material from tick infestation, comprising treating the material with an effective amount of nootkatone, wherein the treated material repels ticks substantially more than does an otherwise identical material

that has not been treated with nootkatone; and wherein the material is selected from a group consisting of soil, synthetic polymers, diatomaceous earth, sand, and cellulose-containing materials.

77. Cancelled.

78. (Previously Added) A method as in Claim 76, additionally comprising treating the material with one or more additional, different compounds selected from the group consisting of nootkatone,  $\alpha$ -cedrene, zizanol, and bicyclovetivenol.

79. (Previously Added) A method for protecting a material from cockroach infestation, comprising treating the material with an effective amount of  $\alpha$ -cedrene, wherein the treated material repels cockroaches substantially more than does an otherwise identical material that has not been treated with  $\alpha$ -cedrene.

80. (Previously Added) A method as in Claim 79, wherein the material is selected from a group consisting of soil, synthetic polymers, diatomaceous earth, sand, and cellulose-containing materials.

81. (Previously Added) A method as in Claim 79, additionally comprising treating the material with one or more additional, different compounds selected from the group consisting of nootkatone,  $\alpha$ -cedrene, zizanol, and bicyclovetivenol.